

ABSTRACT

Continuous molding apparatus includes a raw material supplying portion, a mixing portion, a molding portion, a supporting portion, and ram portions for moving mixture through the apparatus. The molding portion is formed by portions of the supporting frame and mold faces of the ram portions, which act in concert to load, compress, transport, and deliver the molded product. Charge volume is determined by the controlled distance between front and rear ram portions when in position under the raw material supplying portion. The molded material receives the compression force along the positive and negative directions of the horizontal axis on its wear faces. The ability to use the apparatus on a continuous basis allows unlimited production runs and permits the apparatus to be self-cleaning.